



World Vision Academy Science Gr. 4~7

Curriculum Overview

WVA Grade 4 Science	Big Ideas: <ul style="list-style-type: none"> • Members and interactions within ecosystems • Basic properties of light and sound • Properties and uses of minerals and different types of rocks • Understanding naturally occurring processes and environmental phenomenon
WVA Grade 5 Science	Big Ideas: <ul style="list-style-type: none"> • Properties and states of matter • Elements of climate system and precipitation • Uses and conservation of energy • Introduction to forces and structures • Introduction to human body systems
WVA Grade 6 Science	Big Ideas: <ul style="list-style-type: none"> • Classification of living things • Properties of air and pressure • Understanding flight and space travel • Properties and sources of electricity • Motion and Movement • Members of the solar system and the role humans play in space
WVA Grade 7 Science	Big Ideas: <ul style="list-style-type: none"> • Abiotic and biotic elements within ecosystems • Food and natural cycles • Human impacts on ecosystems • Describing, measuring, and classifying matter • Introduction to substances, mixtures, and solutions • The composition of planet earth and its changing surface

Students develop and strengthen essential transferable skills by going through science courses. Students should reflect on their core skills in the three areas with guidance from their parents.

Communication	Communication and Collaboration
Thinking	Critical, Reflective, and Creative Thinking
Personal & Social	Personal awareness & Responsibility Positive personal & Cultural Identity Social awareness & Responsibility